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5-6-2004
Date

Anna M. Matthews
Anna M. Matthews

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	10/749,444	Confirmation No.:
Applicant	:	Frederick T. Bauer et al.	
Filed	:	December 31, 2003	
TC/A.U.	:		
Examiner	:		
Docket No.	:	GEN10 P-300C	
Customer No.	:	028,469	

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)

Dear Sir:

Pursuant to 37 CFR §§1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached Forms 1449A/PTO and 1449B/PTO. This Information Disclosure Statement is being filed more than three months after the filing date of the above referenced application but, to the undersigned's knowledge, before the mailing date of a first Office Action on the merits for the above referenced application.

A copy of each of the listed foreign patent documents and non-patent literature are attached. As the Office has waived the requirement under 37 CFR §1.98(a)(2)(i) for submitting a

Applicant : Frederick T. Bauer et al.
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copy of each cited U.S. patent and each U.S. patent application publication, a copy of each of the listed U.S. patents and each U.S. patent application publication document are not included with the submission of attached Form 1449A/PTO. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 16-2463.

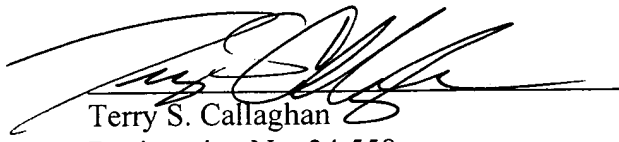
Applicant : Frederick T. Bauer et al.
Appln. No. : 10/749,444
Page : 3

Respectfully submitted by,

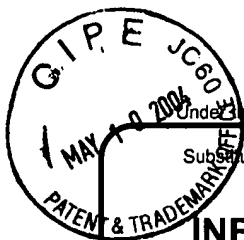
Frederick T. Bauer et al.

Price, Heneveld, Cooper,
DeWitt & Litton LLP

5-6-2004
Date


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TSC/amm



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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Complete if Known

Application Number	10/749,444
Filing Date	12/31/2003
First Named Inventor	Frederick T. Bauer
Art Unit	
Examiner Name	
Attorney Docket Number	GEN10 P-300C

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,982,119	09/1976	Aluzzo et al.	
		US- 4,214,266	07/1980	Myers	
		US- 4,256,372	03/1981	Yasukuni et al.	
		US- 4,277,804	07/1981	Robison	
		US- 4,554,587	11/1985	Ooi et al.	
		US- 4,580,196	04/1986	Task	
		US- 4,631,516	12/1986	Clinker	
		US- 4,647,975	03/1987	Alston et al.	
		US- 4,667,177	05/1987	Athalys	
		US- 4,734,697	03/1988	Robinson et al.	
		US- 4,863,130	09/1989	Marks, Jr.	
		US- 4,868,542	09/1989	Thompson	
		US- 4,891,624	01/1990	Ishikawa et al.	
		US- 4,893,112	01/1990	Hatcher	
		US- 4,896,136	01/1990	Hotovy	
		US- 4,910,591	03/1990	Petrossian et al.	
		US- 4,928,084	05/1990	Reiser	
		US- 5,027,200	06/1991	Petrossian et al.	

FOREIGN PATENT DOCUMENTS

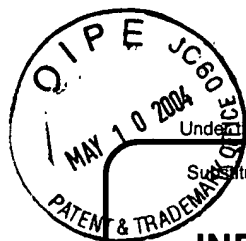
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		GB 2233530	09/1991			
		DE 29806638	04/1998			X
		EP 0244230	11/1987			
		EP 0417397	03/1991			
		EP 0573235	12/1993			

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Art Unit	
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Attorney Docket Number	GEN10 P-300C

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		Number-Kind Code ² (if known)			
		US- 5,038,258	08/1991	Koch et al.	
		US- 5,121,200	06/1992	Choi	
		US- 5,126,926	06/1992	Chiang Wen	
		US- 5,136,483	08/1992	Schöniger et al.	
		US- 5,143,433	09/1992	Farrell	
		US- 5,194,957	03/1993	Kyuma	
		US- 5,241,457	08/1993	Sasjima et al.	
		US- 5,260,731	11/1993	Baker, Jr.	
		US- 5,289,321	02/1994	Secor	
		US- 5,307,136	04/1994	Saneyoshi	
		US- 5,325,271	06/1994	Hutchisson	
		US- 5,371,659	12/1994	Pastrick et al.	
		US- 5,387,958	02/1995	Pashley	
		US- 5,414,461	05/1995	Kishi et al.	
		US- 5,471,515	11/1995	Fossum et al.	
		US- 5,477,436	12/1995	Bertling et al.	
		US- 5,490,049	02/1996	Montalan et al.	
		US- 5,495,243	02/1996	McKenna	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		GB 2313973	12/1997			
		JP 9-207664	08/1997			X
		WO 96 38319	12/1996			
		WO 97 17800	05/1997			

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Application Number	10/749,444
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		Number-Kind Code ² (if known)			
		US- 5,550,677	08/1996	Schofield et al.	
		US- 5,555,069	09/1996	Albrecht et al.	
		US- 5,631,704	05/1997	Dickinson et al.	
		US- 5,646,614	07/1997	Abersfelder et al.	
		US- 5,670,935	09/1997	Schofield et al.	
		US- 5,680,123	10/1997	Lee	
		US- 5,699,044	12/1997	Van Lente et al.	
		US- 5,765,940	06/1998	Levy et al.	
		US- 5,798,691	08/1998	Kao	
		US- 5,895,115	04/1999	Parker et al.	
		US- 5,904,330	05/1999	Manico et al.	
		US- 5,938,717	08/1999	Dunne et al.	
		US- 6,038,496	03/2000	Dobler et al.	
		US- 6,115,651	09/2000	Cruz	
		US- 6,151,065	11/2000	Steed et al.	
		US- 6,175,300	01/2001	Kendrick	
		US- 6,246,933	06/2001	Bagué	
		US- 6,259,475	07/2001	Ramachandran et al.	

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12/31/2003

First Named Inventor

Frederick T. Bauer

Art Unit

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		Number-Kind Code ² (if known)			
		US- 6,262,764	07/2001	Perterson	
		US- 6,304,173	10/2001	Pala et al.	
		US- 6,320,612	11/2001	Young	
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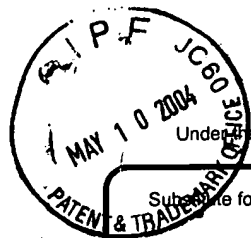
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**INFORMATION DISCLOSURE
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Application Number	10/749,444
Filing Date	12/31/2003
First Named Inventor	Frederick T. Bauer
Art Unit	
Examiner Name	
Attorney Docket Number	GEN10 P-300C

Sheet 1 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Patent Abstracts of Japan, Publication No. 06092184, Publication Dated Apr. 5, 1994, Application No. 04242151 entitled "Vehicle Rearward Checking Device," Applicant Chinon Ind Inc.	
		Patent Abstracts of Japan, Publication No. 09030326, Publication Date Feb. 4, 1997, Application No. 07207630, entitled "Visual Recognition Device for Vehicle," Applicant Murakami Corp.	
		Patent Abstracts of Japan, Publication No. 09320000, Publication Date Dec. 12, 1997, Application No. 08135617, entitled "Backward Information Detecting Device," Applicant Nippon Seiki Co. Ltd.	
		Photographs of a CHMSL of a 1996 Chrysler Town & Country.	
		Photographs of CHMSL of a 1995 Ford F150 Pickup Truck.	
		Photographs of a CHMSL of a 1996 Chevy Blazer.	
		Mendis, Sunetra K., "Low-Light-Level Image Sensor with On-Chip Signal Processing," SPIE, Vol. 1952, pp. 23-33.	
		Fossum, Eric R., "Active Pixel Sensors: Are CCD's Dinosaurs?," SPIE, vol. 1990, pp. 2-14.	
		Fossum, Eric R., "Low Power Camera-on-a-Chip Using CMOS Active Pixel Sensor Technology," 1995 Symposium on Low Power Electronics, Oct. 9-10, 1995 San Jose, CA, pp. 1-4.	
		Yadid-Pecht, Orly et al., "Readout Schemes to Increase Dynamic Ranges of Image Sensors," NASA Tech Briefs, Jan. 1997, (2 pages).	

Examiner Signature		Date Considered	
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				Application Number	10/749,444
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				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	GEN10 P-300C

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Yadid-Pecht, Orly et al., "Image Sensors With Individual Pixel Reset," NASA Tech Briefs, Nov. 1996, (2 pages).	
		Patent Abstracts of Japan, Publication No. 09-207664, Publication Date Aug. 12, 1997, Application No. 08-017826, entitled "Vehicular Rear Confirmation Device," Applicant Fujitsu Ten Ltd.	

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